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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

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TITLE:

BOTTLE, IN PARTICULAR BABY'S BOTTLE AND PRODUCTION

METHOD THEREFOR

THE COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

## **AMENDED CLAIMS**

1. (currently amended) A bottle (1), in particular a baby bottle, comprising:

a bottle jacket [[(2)]] open on both sides, wherein a base cap [[(8)]] including an air intake valve [[(13)]] is fastened to a bottom-side end region [[(4)]] of the bottle jacket [[(2)]], and

a teat (9) is fastened to the opposite, teat-side end region, which teat comprises a shaft [[(21)]] and a nipple [[(23)]] following said shaft via a lip contacting region [[(22)]],

characterized in that wherein the bottle jacket [[(2)]] has a substantially conical shape widening from a teat-side end region to its bottom-side end region [[(4)]] and the wall thickness of the shaft [[(21)]] of the teat [[(9)]] is greater than the wall thickness of the teat [[(9)]] in the lip contacting region [[(22)]] and of the nipple [[(23)]].

- 2. (currently amended) A bottle according to claim 1 or 2, characterized in that, wherein an end region (3, 4) each provided with a thread (5, 6) for receiving a cap (7, 8) adjoins the two open ends of the bottle jacket [[(2)]].
- 3. (currently amended) A bottle according to claim 2, characterized in that a wherein the teat [[(9)]] is fastened by means of a sleeve cap [[(7)]] to the end region [[(3)]] having the smaller diameter, a teat flange [[(10)]] being clamped between the sleeve cap [[(7)]] and a front face [[(3')]] of the end region [[(3)]] by screwing engagement of the sleeve cap [[(7)]] with the bottle jacket [[(2)]].
- 4. (currently amended) A bottle according to claim 2 or 3, characterized in that, wherein a base cap [[(8)]] having an air intake valve [[(13)]] is screwed to the bottom-side end region [[(4)]] of the bottle jacket [[(2)]].
- 5. (currently amended) A bottle according to any one of claims 1 to 4, characterized in that claim 1, wherein a diaphragm [[(14)]] is received in the base cap [[(8)]] for forming the air intake valve [[(13)]], a fastening flange [[(19)]] of the diaphragm [[(14)]] being clamped between [[the]] a front face [[(4')]] of the bottom-side end region [[(4)]] and the base cap [[(8)]].
- 6. (currently amended) A bottle according to any one of claims 1 to 5, characterized in that claim 1, wherein at least one air intake opening [[(18)]] is provided in the base cap [[(8)]].

- 7. (currently amended) A bottle according to claim 5 or 6, characterized in that wherein the diaphragm [[(14)]] has a shape corresponding to the cup-shaped design of the base cap [[(8)]].
- 8. (currently amended) A bottle according to any one of claims 5 to 7, characterized in that claim 5, wherein the diaphragm [[(14)]] is circular-ring-shaped.
- 9. (currently amended) A bottle according to claim 8, characterized in that wherein the diaphragm [[(14)]] has an inner diameter of at least 15 mm, preferably of substantially 30 mm.
- 10. (currently amended) A bottle according to any one of claims 1 to 9, characterized in that claim 1, wherein the base cap [[(8)]] is designed calotte-shaped with a central elevated portion [[(16)]].
- 11. (currently amended) A bottle according to any one of claims 5 to 10, characterized in that the claim 5, wherein an inner end portion [[(20)]] of the circular-ring-shaped diaphragm [[(14)]] abuts on [[the]] a central elevated portion [[(16)]] of the base cap [[(8)]].
- 12. (currently amended) A bottle according to any one of claims 5 to 11, characterized in that claim 5, wherein the diaphragm [[(14)]] is inserted in the base cap [[(8)]] in a pre-stressed state.
- 13. (currently amended) A bottle according to any one of claims 1 to 12, characterized in that claim 1, wherein the shaft [[(21)]] has a wall thickness of

substantially 2.00 mm to 2.50 mm, in particular of 2.25 mm, and the nipple (23), or the lip contacting region (22), respectively, has a wall thickness of substantially 1.20 mm to 1.50 mm, in particular of 1.35 mm.

- 14. (currently amended) A bottle according to any one of claims 1 to 13, characterized in that in claim 1, wherein the lip contacting region [[(22)]] has at least one zone (25) is provided whose with a wall thickness which is thinner than the wall thickness of the remaining lip contacting region [[(22)]].
- 15. (currently amended) A bottle according to claim 14, characterized in that wherein the at least one zone [[(25)]] has a wall thickness of substantially 1.30 to 1.60 mm, in particular of 1.45 mm.
- 16. (currently amended) A bottle according to claim 14 or 15, characterized in that the, wherein the at least one zone [[(25)]] of reduced wall thickness extends as far as into the nipple [[(23)]].
- 17. (currently amended) A bottle according to claim 16, characterized in that the wherein the at least one zone [[(25)]] is substantially triangular in elevational view.
- 18. (currently amended) A bottle according to any one of claims 14 to 17, characterized in that the claim 14, wherein the at least one zone [[(25)]] of reduced wall thickness is reinforced by at least one stiffening rib [[(26)]].

- 19. (currently amended) A bottle according to claim 18, characterized in that wherein the stiffening rib [[(26)]] in the region of the at least one zone [[(25)]] of reduced wall thickness is provided on the inner side of the teat [[(9)]].
- 20. (currently amended) A bottle according to claim 18 or 19, characterized in that, wherein the stiffening rib [[(26)]] extends as far as into the nipple [[(23)]].
- 21. (currently amended) A bottle according to any one of claims 1 to 20, characterized in that claim 1, wherein the nipple [[(23)]] has a substantially oval cross-section, whereas the shaft [[(22)]] has a circular cross-section.
- 22. (currently amended) A bottle according to any one of claims 14 to 21, characterized in that claim 14, wherein two diametrically opposite zones [[(25)]] of reduced wall thickness are provided.
- 23. (currently amended) A bottle according to claim 22, characterized in that wherein the two zones [[(25)]] of reduced wall thickness are located in [[the]] a region of the flatter sides of the nipple [[(9)]].
- 24. (currently amended) A bottle according to any one of claims 14 to 23, characterized in that the teat surface in the lip contacting region (22), or the teat surface of the nipple (23), respectively, in particular the zone, or zones (25), respectively, claim 14, wherein the at least one zone of reduced wall thickness, at least partially [[have]] has an increased surface roughness of 100 μm at the most, in particular of 50 μm at the most.

- 25. (currently amended) A bottle according to claim 24, characterized in that wherein a surface roughness of approximately 10 μm to approximately 40 μm, preferably of 15 μm to 30 μm, is provided.
- 26. (currently amended) A bottle according to any one of claims 1 to 25, characterized in that claim 1, wherein the teat [[(9)]] is an injection-molded part.
- 27. (currently amended) A bottle according to any one of claims 1 to 26, characterized in that claim 1, wherein the teat [[(9)]] is made of a thermoplastic elastomer.
- 28. (currently amended) A bottle according to any one of claims 1 to 26, characterized in that claim 1, wherein the teat [[(9)]] is made of latex, silicone or the like elastomeric material.
- 29. (currently amended) A method of producing a bottle jacket [[(2)]] open at both sides for a bottle according to any one of claims 1 to 28, characterized in that claim 1, wherein the bottle jacket [[(2)]] is injection-molded from a polyolefin, in particular of polypropylene.
- 30. (currently amended) A method according to claim 29, characterized in that for designing wherein the substantially conical bottle jacket (2), the bottle jacket (2) is produced with the help of a frusto-conical injection mold.
- 31. (currently amended) A method according to claim 29 or 30, characterized in that wherein the bottle jacket [[(2)]] is injection-molded from transparent polypropylene, in

particular from so-called random-copolymer polypropylene, metallocene-catalyzed polypropylene or the like.